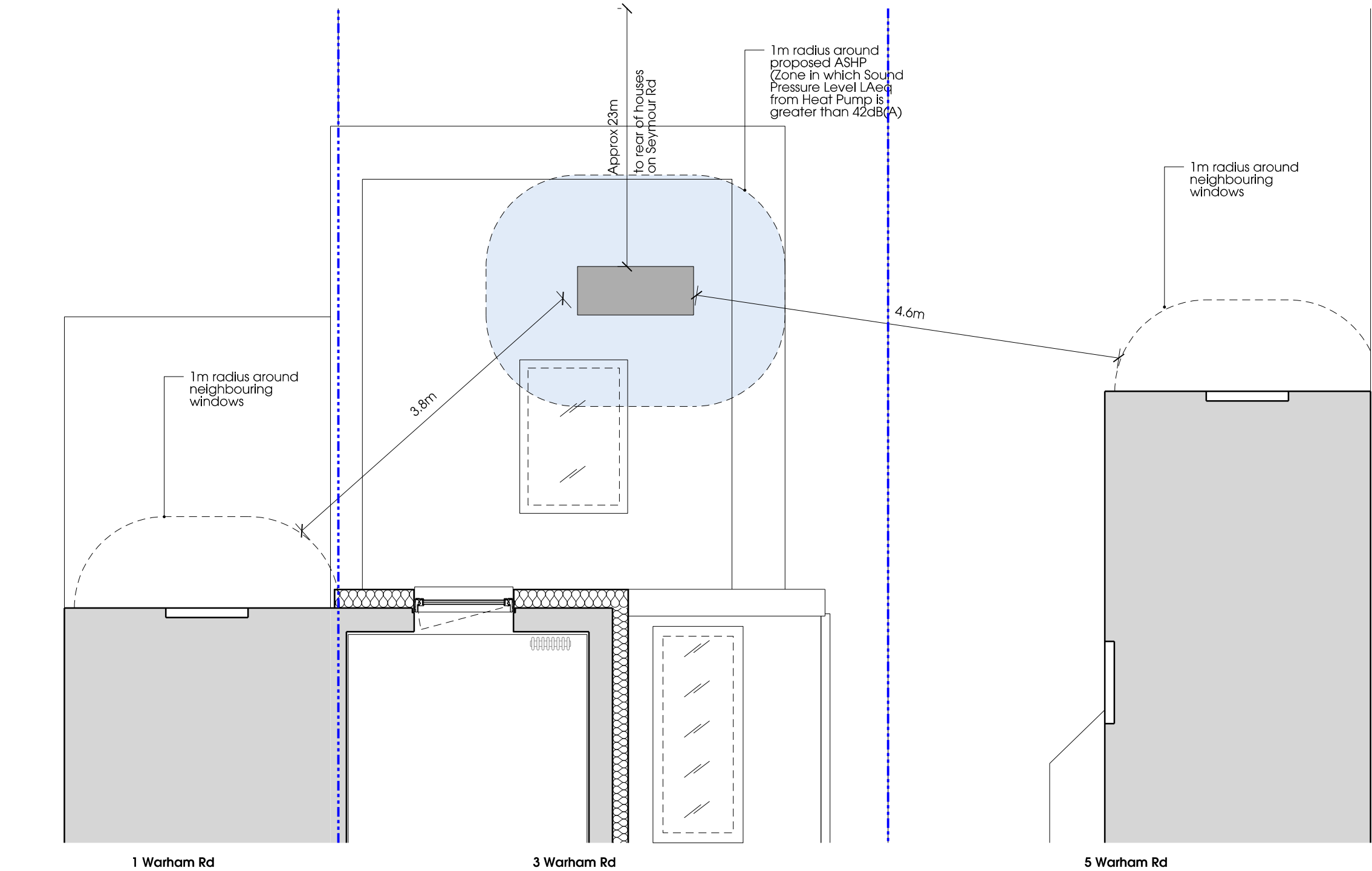




01 | Heat Pump Location Plan
PL_005

Scale 1:50



Sound pressure level LAeq at 1m from Heat Pump: 42 dB(A)*

No part of the Heat Pump will be within 1m of the site boundary. The sound pressure level LAeq at all boundaries will therefore be less than 42 dB(A)

Calculated sound pressure level LAeq at 1m from nearest neighbouring window at first floor:
- 1 Warham Rd (3.8m from Heat Pump): 36 dB(A)**

The nearest ground floor windows of 1 Warham Road do not have direct line of site of the Heat Pump due to the position of the unit on the roof, and will therefore benefit from the sound reduction barrier created by the roof and parapet

The Heat Pump shall be mounted facing north (away from the facades of 1/3/5 Warham Rd)

The Heat Pump shall be mounted on anti-vibration feet, on concrete slabs, with a rubber anti-vibration mat, on top of the roof

*Refer to technical data sheet from Heat Pump supplier

** Refer to acoustic calculation from Heat Pump supplier

Notes

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All levels are in metres above Ordnance Datum.

All dimensions should be checked on site. Do not scale from this drawing. Architect to be advised of any variation between the drawings and site conditions.

To be read in conjunction with the submitted design and access statement and other associated reports.

Safety, health and environmental Information

Please refer to pre-construction information and risk register. The notes below refer specifically to the information shown on this drawing.



Description of Design Risk



00 06.04.2023 Issued for Discharge of Conditions

Revision Date Description

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Project
3 Warham Road
London
N4 1AR

Drawing Title
Air Source Heat Pump Location

Date 26/03/2023 Scale @ A3 1:50 Status For planning

Project No. WAR Drawing No. PL_005 Revision 00